

TECHNICAL DATA SHEET

DESCRIPTION

Weather Worker 10% J26WB is a water based emulsion of siloxane that penetrates into concrete or masonry to provide long term weatherproofing protection. Weather Worker 10% J26WB is a single component product that is ready-to-use therefore dilution prior to application is not required. Weather Worker 10% J26WB penetrates the substrate, and chemically reacts with, and bonds to, the concrete or masonry surface. The invisible film formed by Weather Worker 10% J26WB will “bead” water and protect the substrate many times longer than conventional coatings.

USE

Weather Worker 10% J26WB provides outstanding long term weatherproof protection for all types of concrete and masonry surfaces. Aside from its ability to “bead” water, it allows the substrate to “breathe” with its moisture vapor permeability. Weather Worker 10% J26WB Protects Numerous Types of Structures: Cast-In-Place Concrete Precast and Prestressed Concrete Exposed Aggregate Concrete Porous and Dense Brick Concrete Stucco Sandstone and Limestone Weather Worker 10% J26WB Prevents or Inhibits: Moisture Penetration Attack by Deicing Salts (Chloride Ions) Corrosion of Steel Reinforcements Attack by Airborne Industrial Chemicals Spalling Caused by Freeze-Thaw Cycles Efflorescence

FEATURES

- Water based, low odor
- V.O.C. Compliant
- Protection against deicing salts and chloride ions
- Excellent water beading
- Will not change the traction or skid resistance of a surface
- No color change, if applied properly
- Strong chemical bond to the substrate
- Excellent vapor transmission
- Excellent alkali resistance

PROPERTIES

Active Content: 10% Water-based Oligomeric Alkylalkoxy Siloxane
 Water Penetration Through Masonry ASTM E-514 (With Stimulated Wind Driven Rain At 62.5 mph 100.6 kph):
 Average Reduction In Leakage Rate is 83%
 N.C.H.R.P. Report 244 (10% Siloxane) Series 2:
 77% Reduction in Chloride Ion Content
 Vapor Transmission: Excellent.
 No moisture retained after 21 days.

Drying time:

1-2 hrs. at 70°F (21°C)

Note:

The data shown is typical for controlled laboratory conditions. Reasonable variation from these results can be expected due to interlaboratory precision and bias. When testing the field mixed material, other factors such as variations in mixing, water content, temperature and curing conditions should be considered.

voc

Weather Worker 10% J26WB has a VOC content of less than 100 g/L. Compliant with all Canadian and U.S. VOC regulations including Federal EPA, OTC, LADCO, SCAQMD & CARB.

Estimating Guide

Substrate	Ft ² /Gallon	M ² /Liter
Clay Brick	100-150	2.5-3.7
Cast in-Place	80-150	2.0-3.7
Precast	125-150	3.0-3.7
Exposed Agg.	100-150	2.5-3.7
Stucco	100-150	2.5-3.7
Rough Stone	100-150	2.5-3.7
Smooth Stone	150-175	3.7-4.3
Glazed Brick	150-175	3.7-4.3
Concrete Block	60-90	1.5-2.3

Packaging

PRODUCT CODE	PACKAGE	SIZE	
		Gallons	Liters
68962	Pail	5	18.93
68961	Drum	55	208.2

STORAGE

The Weather Worker 10% J26WB should be stored in tightly sealed original factory containers. Store in a horizontal position to prevent moisture accumulation on the drum head. Do not allow to freeze. Shelf life of properly stored, unopened containers is 12 months

Surface Preparation:

New concrete must be cured a minimum of 28 days. It is recommended to cure in accord with ACI 308. If a membrane forming cure is used it will not be compatible and will have to be removed.

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Tuckpointing must cure a minimum of 3 days and caulking should be fully cured before application. Concrete surfaces should be clean, free of dirt, oil, grease and other contaminants. The surface must be sufficiently porous to allow immediate penetration of Weather Worker 10% J26WB. A good test is to place a few drops of Weather Worker 10% J26WB or water onto the clean surface. The Weather Worker 10% J26WB or water droplets should be immediately absorbed into the surface.

Mock Up:

Always test each substrate with an application of Weather Worker 10% J26WB to a minimum of 5 ft. x 5 ft. (1.5 M x 1.5 M) area to check for proper surface preparation, performance, water repellency and to verify the coverage rate.

Mixing

Stir thoroughly prior to use. Do not thin or dilute.

Placement:

Before application, the surface should be completely dry. If surface was wet, allow at least 24 hours with sunshine for drying. Do not apply below 40°F (4°C) or above 100°F (38°C). Do not apply if rain is expected within 3 hours.

Do not apply during windy conditions. Apply a single application of Weather Worker 10% J26WB with low pressure spray equipment, roller or broom. Use a fan type spray nozzle for greatest efficiency. On vertical surfaces, apply the material from the bottom of the wall upwards spraying so that it will run down the surface at least six inches (15.2 cm) below the spray pattern.

On horizontal surfaces, Weather Worker 10% J26WB should be sufficiently applied to completely saturate the surface. Broom out puddles or ponded material. Typically, the surface can be reopened to traffic in one hour, if the temperature is at 72°F (22°C) or above. Opened containers of Weather Worker 10% J26WB should be tightly resealed when not in use. The full chemical reaction of the siloxane will take approximately 3-5 days. Do not expect a water beading effect until after 5 days.

CLEAN UP

Clean tools and equipment with clean, soapy water.

LIMITATIONS**FOR PROFESSIONAL USE ONLY**

Do not apply to a wet surface.
Keep containers tightly sealed when not in use.
Cover and protect all grass, shrubs, plants, etc. from overspray.

PRECAUTIONS**READ SDS PRIOR TO USING PRODUCT**

- Use with adequate ventilation
- Wear protective clothing, gloves and eye protection (goggles, safety glasses and/or face shield)
- Keep out of the reach of children
- Do not take internally
- In case of ingestion, seek medical help immediately
- May cause skin irritation upon contact, especially prolonged or repeated. If skin contact occurs, wash immediately with soap and water and seek medical help as needed.
- If eye contact occurs, flush immediately with clean water and seek medical help as needed
- Dispose of waste material in accordance with federal, state and local requirements

MANUFACTURER

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TECHNICAL DATA SHEET**WARRANTY**

Dayton Superior Corporation ("Dayton") warrants for 12 months from the date of manufacture or for the duration of the published product shelf life, whichever is less, that at the time of shipment by Dayton, the product is free of manufacturing defects and conforms to Dayton's product properties in force on the date of acceptance by Dayton of the order. Dayton shall only be liable under this warranty if the product has been applied, used, and stored in accordance with Dayton's instructions, especially surface preparation and installation, in force on the date of acceptance by Dayton of the order. The purchaser must examine the product when received and promptly notify Dayton in writing of any non-conformity before the product is used and no later than 30 days after such non-conformity is first discovered. If Dayton, in its sole discretion, determines that the product breached the above warranty, it will, in its sole discretion, replace the non-conforming product, refund the purchase price or issue a credit in the amount of the purchase price. This is the sole and exclusive remedy for breach of this warranty. Only a Dayton officer is authorized to modify this warranty. The information in this data sheet supersedes all other sales information received by the customer during the sales process. THE FOREGOING WARRANTY SHALL BE EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND ALL OTHER WARRANTIES OTHERWISE ARISING BY OPERATION OF LAW, COURSE OF DEALING, CUSTOM, TRADE OR OTHERWISE.

Dayton shall not be liable in contract or in tort (including, without limitation, negligence, strict liability or otherwise) for loss of sales, revenues or profits; cost of capital or funds; business interruption or cost of downtime, loss of use, damage to or loss of use of other property (real or personal); failure to realize expected savings; frustration of economic or business expectations; claims by third parties (other than for bodily injury), or economic losses of any kind; or for any special, incidental, indirect, consequential, punitive or exemplary damages arising in any way out of the performance of, or failure to perform, its obligations under any contract for sale of product, even if Dayton could foresee or has been advised of the possibility of such damages. The Parties expressly agree that these limitations on damages are allocations of risk constituting, in part, the consideration for this contract, and also that such limitations shall survive the determination of any court of competent jurisdiction that any remedy provided in these terms or available at law fails of its essential purpose.